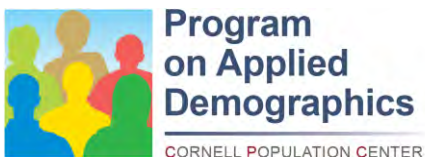


# Niagara County Profile 2013

*A collection of recent demographic, social, economic and agricultural data*

Compiled by Jan Vink

Assisted by Joe Francis, Sutee Anantsuksomsri, Nij Tontisirin, Johannes Plambeck



**Cornell University**  
Cooperative Extension



This profile is a part of a set of profiles generated for each county in New York State. The profiles were developed and generated by the Cornell Program on Applied Demographics. The work is sponsored by Cornell Cooperative Extension and promoted with webinars and workshops in coordination with the Community & Regional Development Institute.

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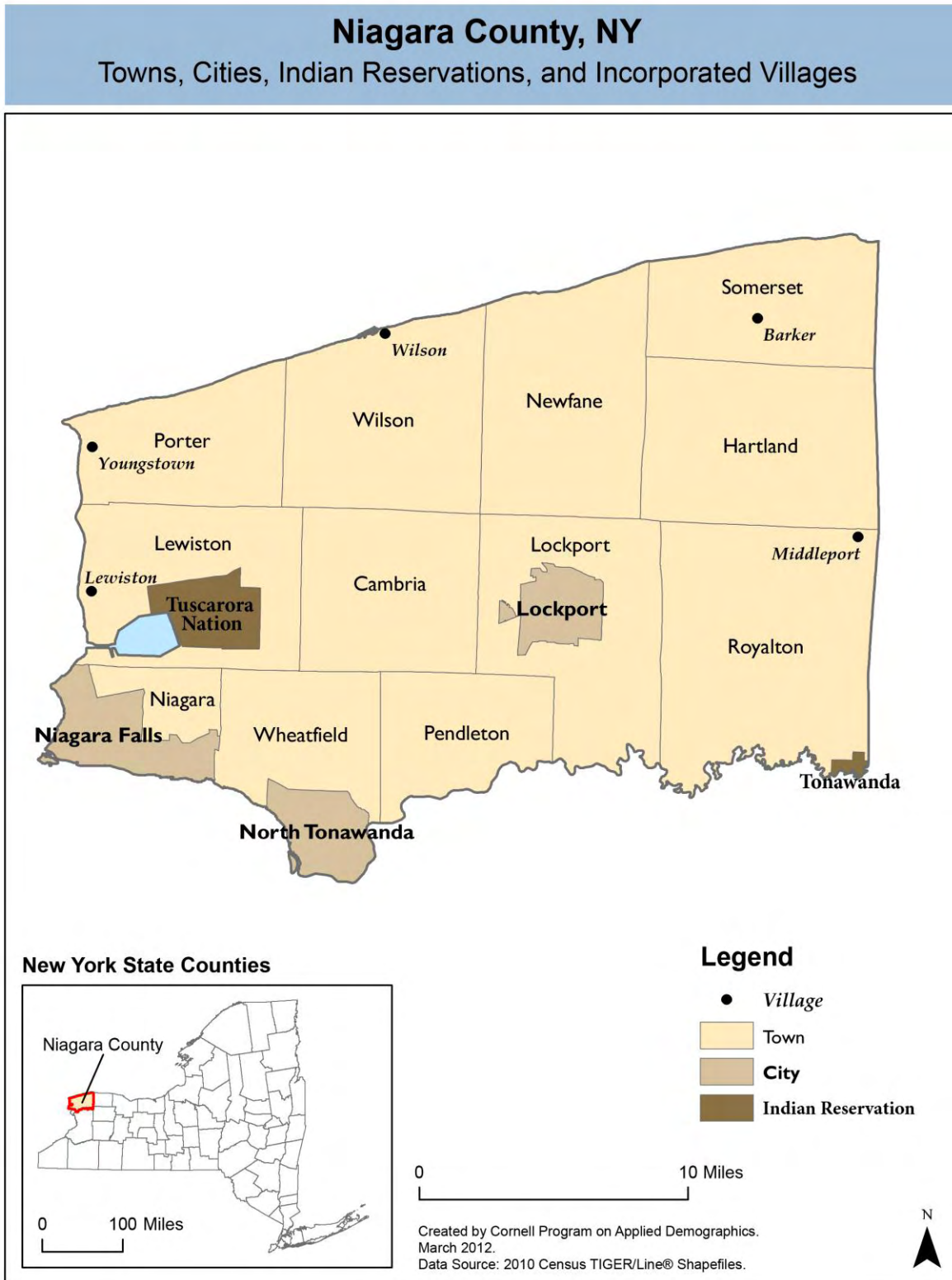
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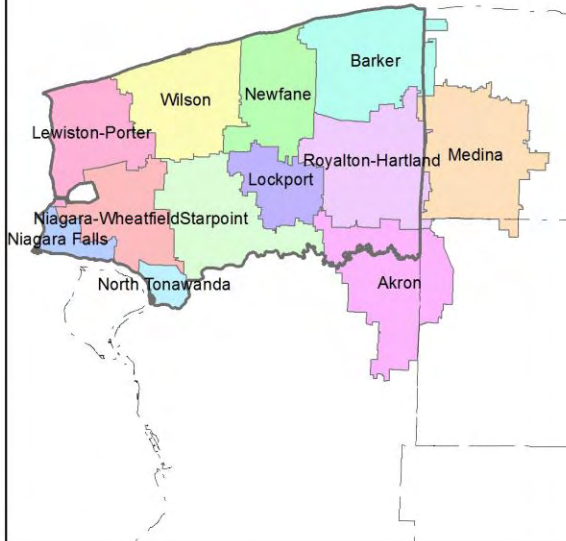
# 1 Reference Maps



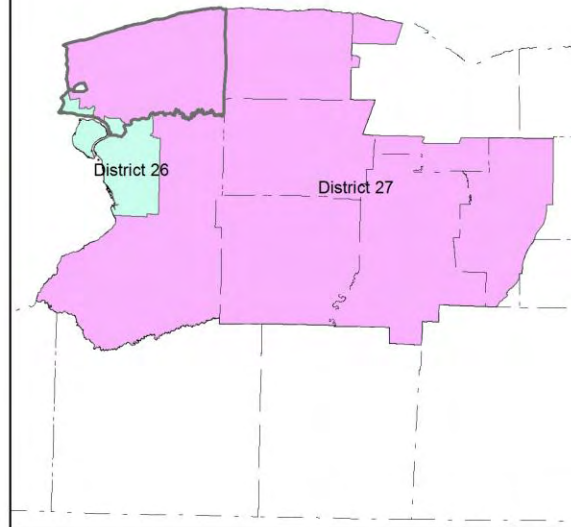
## Niagara County, NY

### Overlap with School and Political Districts

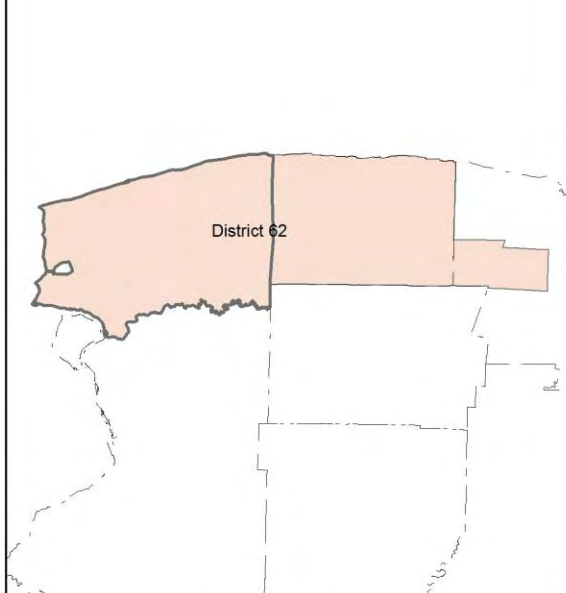
School Districts



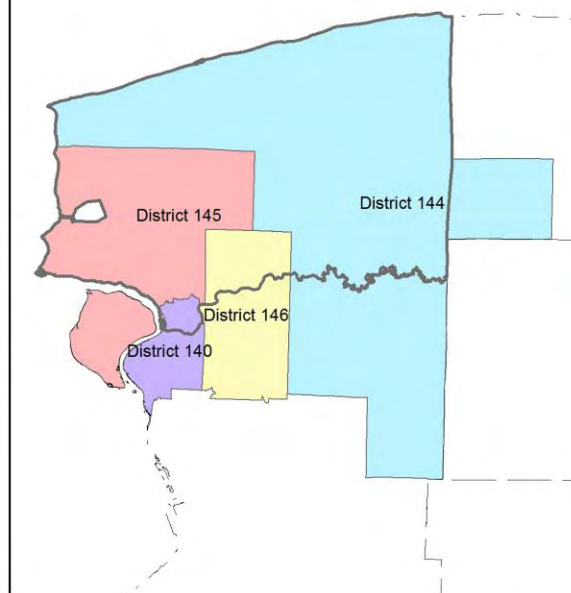
113th House of Representatives



2013-2014 New York Senate

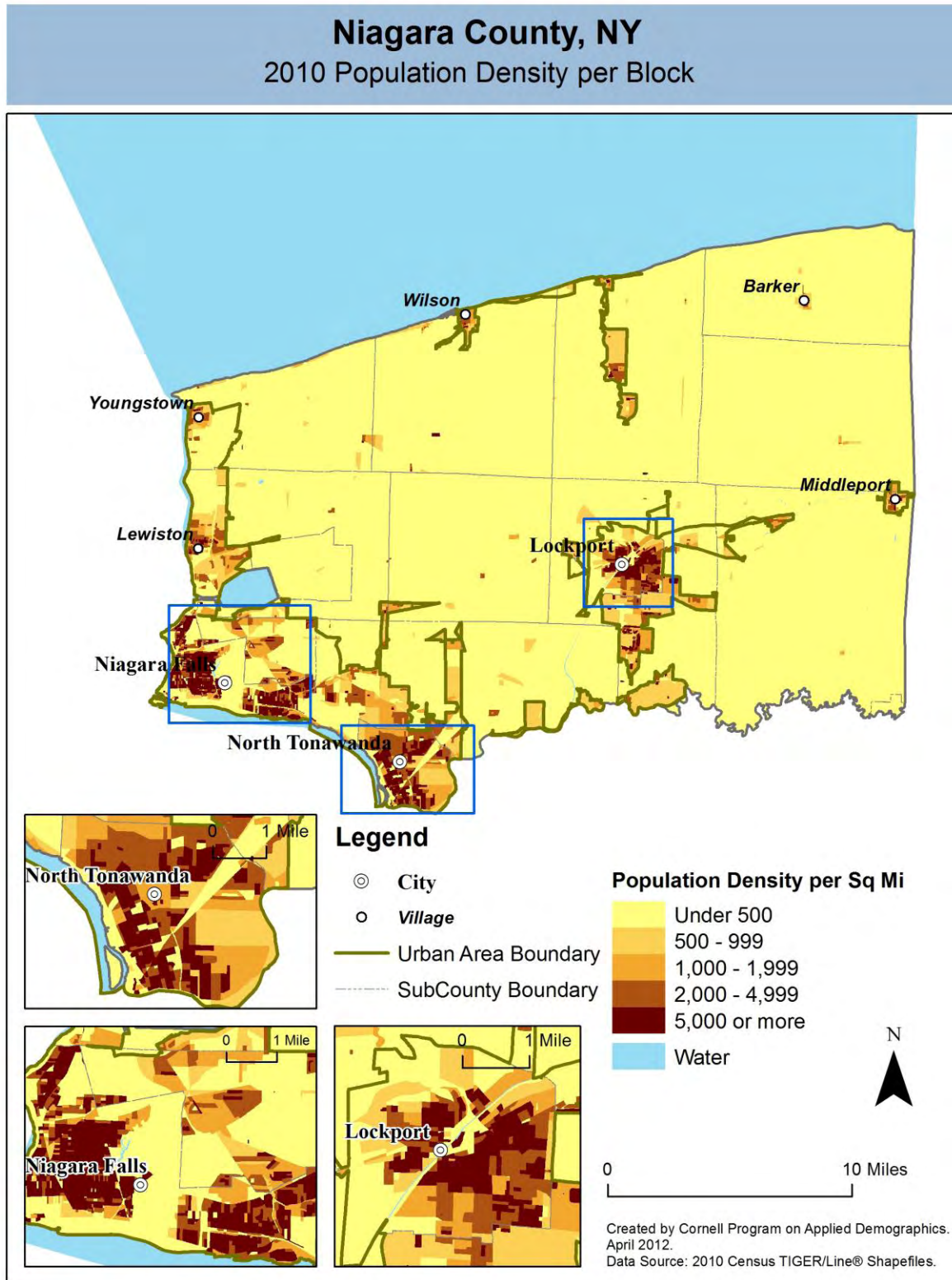


2013-2014 New York Assembly





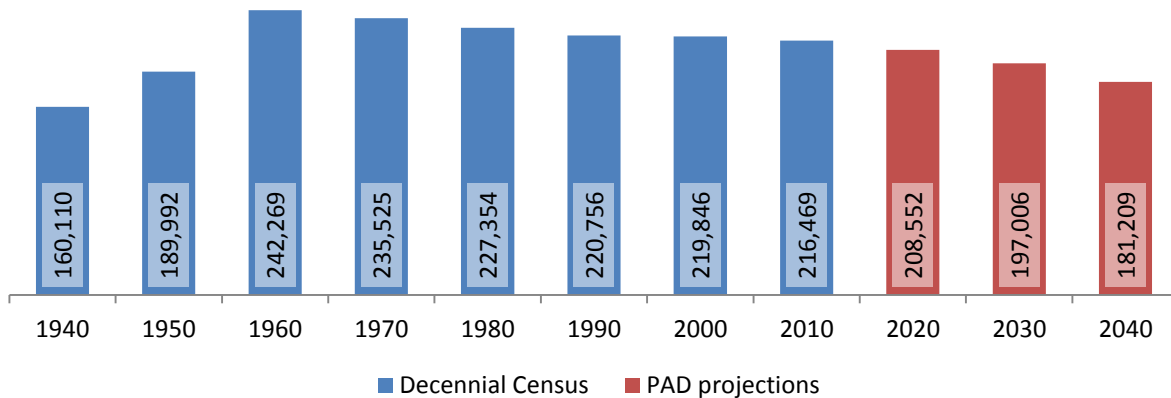
## 2 Population density and Urban Areas Map



### 3 Total Population

#### 3.1 Historic and projected

Total population, Niagara County, 1940-2040



Source: 1940-2010 Decennial Census and projections by Cornell Program on Applied Demographics

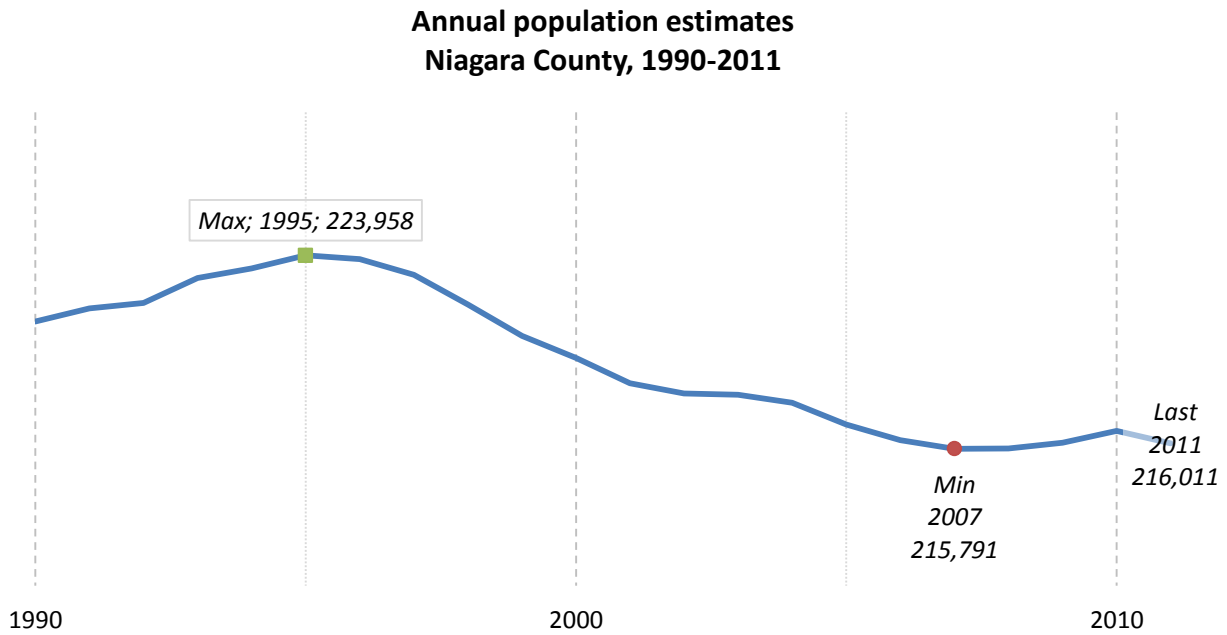
#### 3.2 Change since previous Census

		Total population	Change	
			Number	Percent
Decennial Census	1940	160,110		
	1950	189,992	29,882	18.7%
	1960	242,269	52,277	27.5%
	1970	235,525	-6,744	-2.8%
	1980	227,354	-8,171	-3.5%
	1990	220,756	-6,598	-2.9%
	2000	219,846	-910	-0.4%
	2010	216,469	-3,377	-1.5%
PAD projec- tions	2020	208,552	-7,917	-3.7%
	2030	197,006	-11,546	-5.5%
	2040	181,209	-15,797	-8.0%

Source: 1940-2010 Decennial Census and projections by Cornell Program on Applied Demographics



### 3.3 Annual population estimates



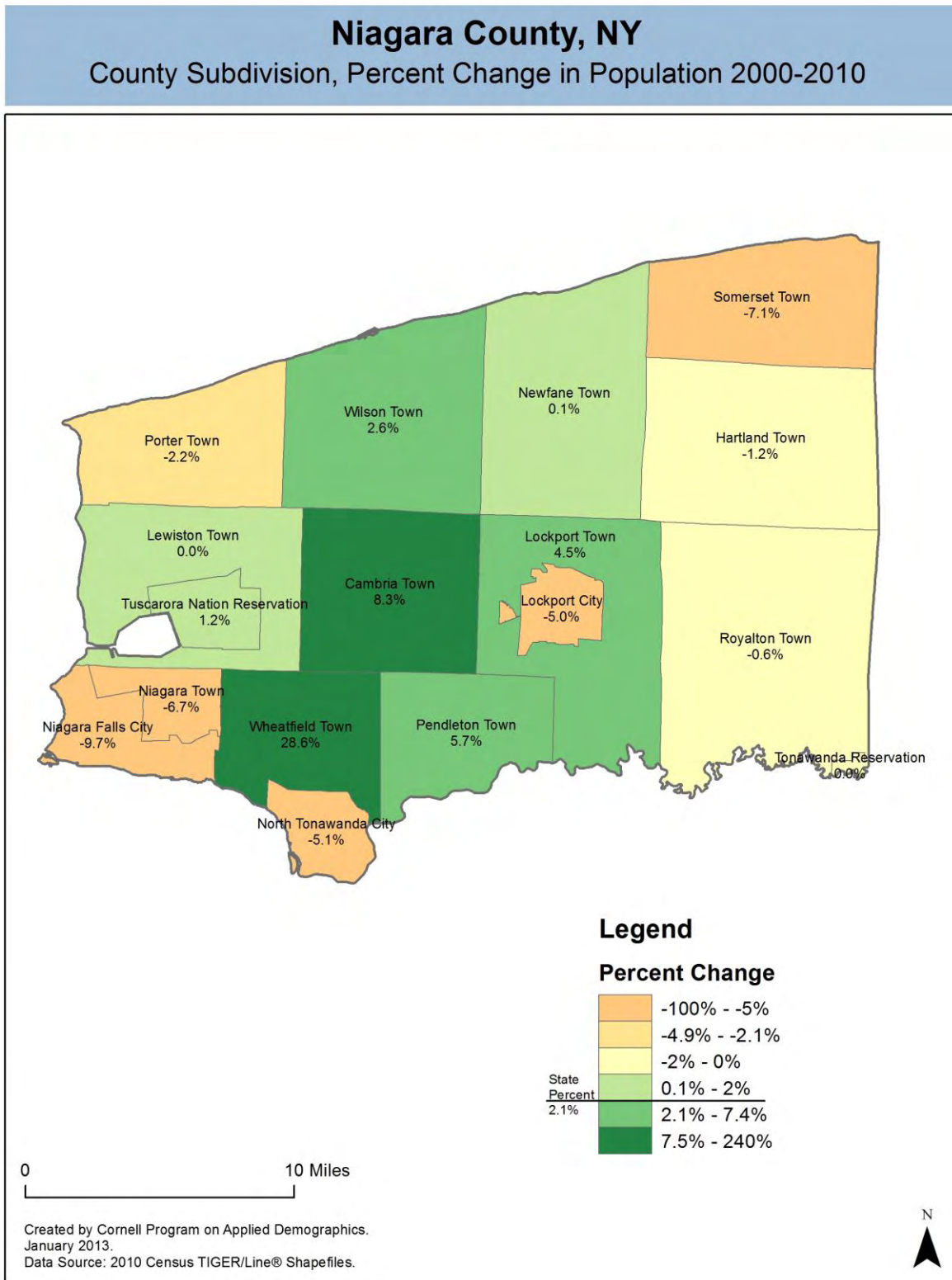
Source: U.S. Census Bureau population estimates (1990-1999 and 2000-2009 intercensal and vintage 2011 postcensal)

### 3.4 Percentage sub county change 2000-2010

	Total Population		Difference	
	2000	2010	Count	%
New York State	18,976,821 *	19,378,102	401,281	2.1%
Niagara County	219,846	216,469	-3,377	-1.5%
<b>Cities</b>				
Lockport	22,279	21,165	-1,114	-5.0%
Niagara Falls	55,593	50,193	-5,400	-9.7%
North Tonawanda	33,262	31,568	-1,694	-5.1%
<b>Towns</b>				
Cambria	5,393	5,839	446	8.3%
Hartland	4,165	4,117	-48	-1.2%
Lewiston	16,257	16,262	5	0.0%
Lockport	19,653	20,529	876	4.5%
Newfane	9,657	9,666	9	0.1%
Niagara	8,978	8,378	-600	-6.7%
Pendleton	6,050	6,397	347	5.7%
Porter	6,920	6,771	-149	-2.2%
Royalton	7,710	7,660	-50	-0.6%
Somerset	2,865	2,662	-203	-7.1%
Wheatfield	14,086	18,117	4,031	28.6%
Wilson	5,840	5,993	153	2.6%
<b>Reservations</b>				
Tonawanda	0	0	0	-
Tuscarora	1,138	1,152	14	1.2%

\* Original counts revised through Count Question Resolution Program (CQR)

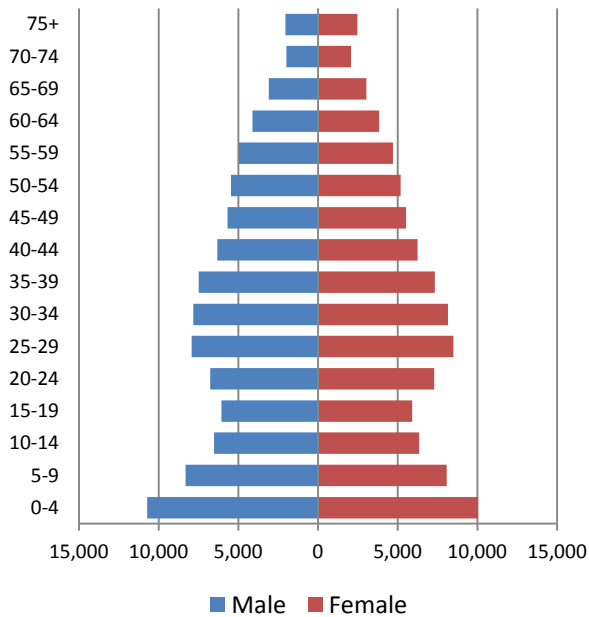
Source: U.S. Census Bureau intercensal population estimates 2000-2010



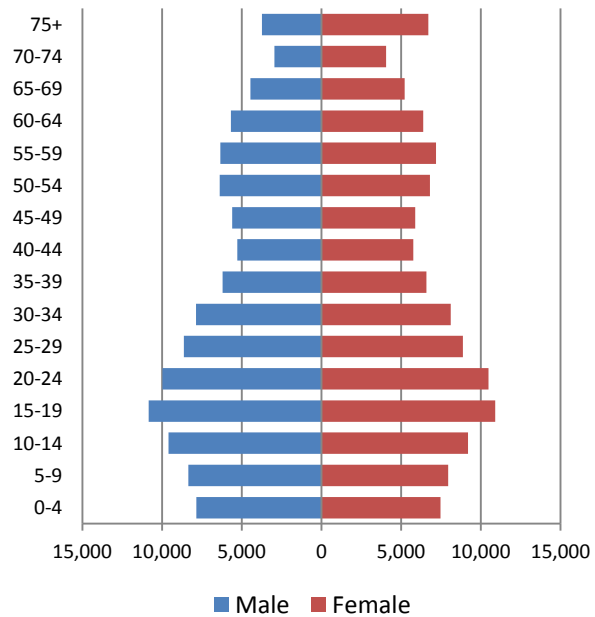
## 4 Population by age

### 4.1 Historic and projected population pyramids

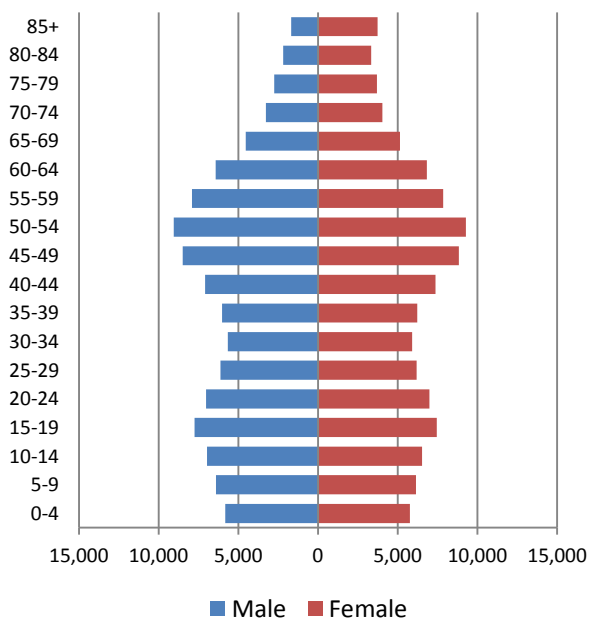
**1950 Population Pyramid, Niagara County**



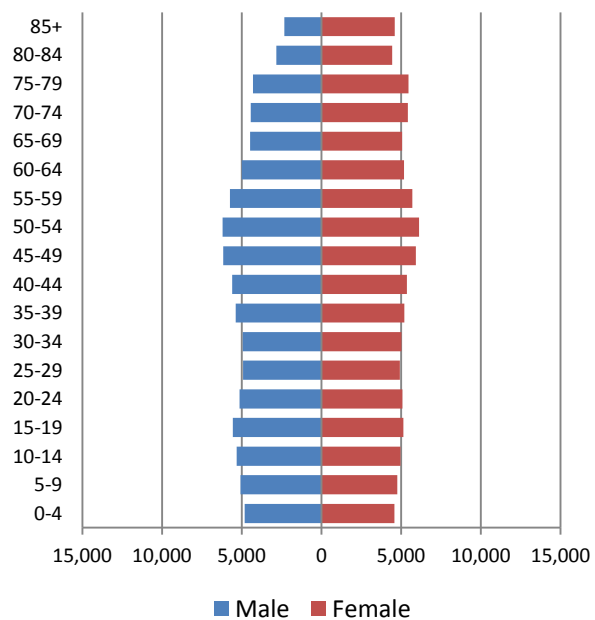
**1980 Population Pyramid, Niagara County**



**2010 Population Pyramid, Niagara County**



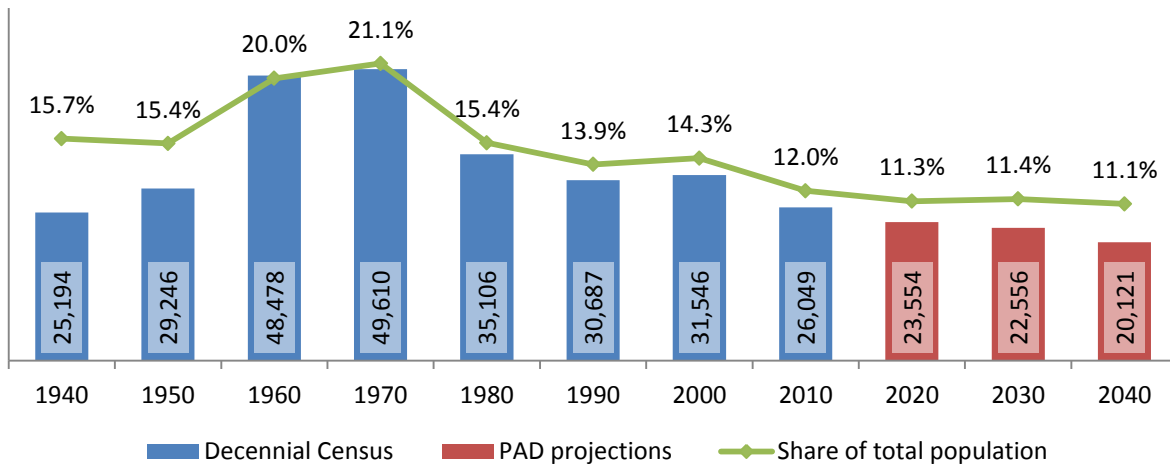
**2040 Population Pyramid, Niagara County**



Source: 1950, 1980, 2010 Decennial Census and projections by Cornell Program on Applied Demographics

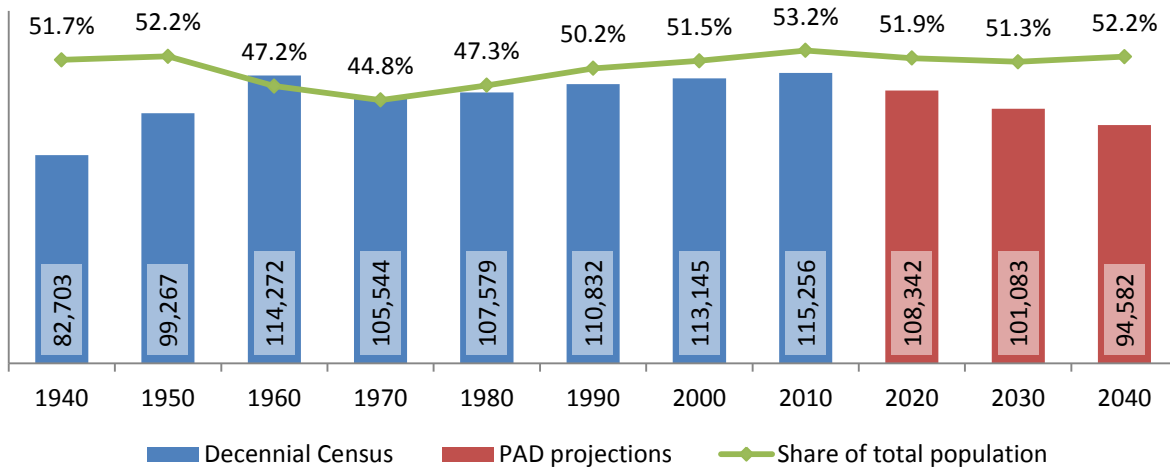
## 4.2 Selected age groups

**Population age 5-14, Niagara County, 1940-2040**

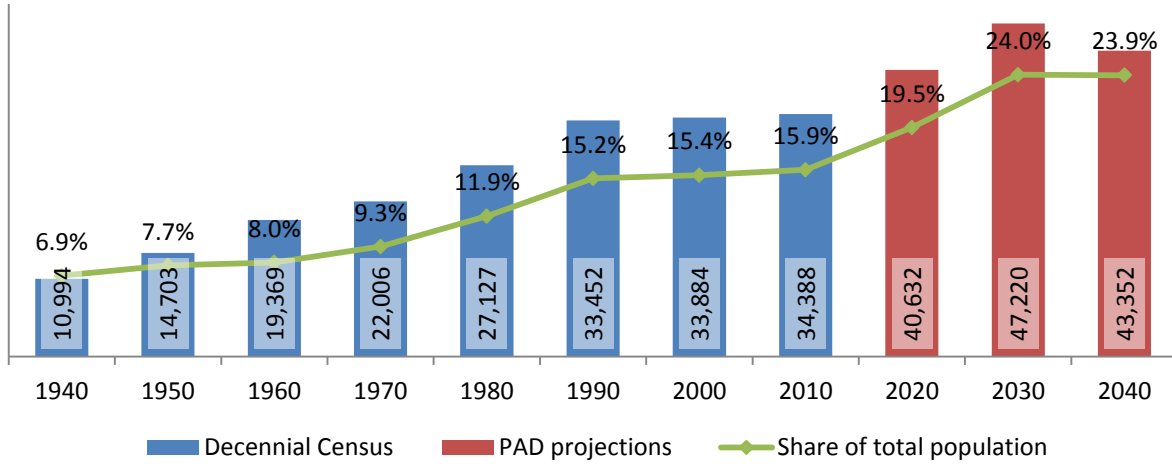


Source: 1940-2010 Decennial Census and projections by Cornell Program on Applied Demographics

**Population age 25-64, Niagara County, 1940-2040**



Source: 1940-2010 Decennial Census and projections by Cornell Program on Applied Demographics

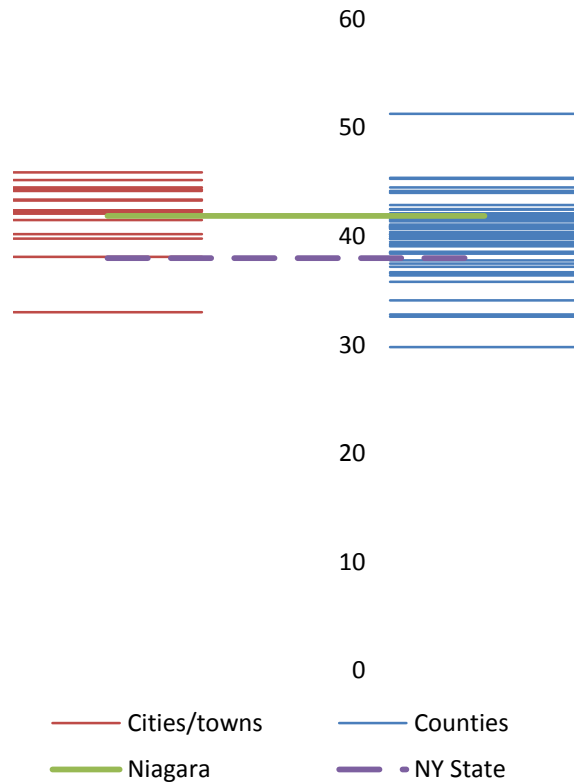
**Population age 65 and over, Niagara County, 1940-2040**

Source: 1940-2010 Decennial Census and projections by Cornell Program on Applied Demographics

### 4.3 Median age: comparison between areas

	Median Age
New York State	38.0
Niagara County	41.9
<b>Cities</b>	
Lockport city	38.1
Niagara Falls city	39.8
North Tonawanda city	42.4
<b>Towns</b>	
Cambria town	42.3
Hartland town	42.4
Lewiston town	45.2
Lockport town	40.2
Newfane town	43.3
Niagara town	43.4
Pendleton town	44.5
Porter town	45.9
Royalton town	42.1
Somerset town	41.5
Wheatfield town	44.2
Wilson town	44.3
<b>Reservations</b>	
Tonawanda Reservation	-
Tuscarora Nation Reservation	33.0

Median age comparison  
within county (left) and  
between counties (right)



Source: 2010 Decennial Census



## 5 Race

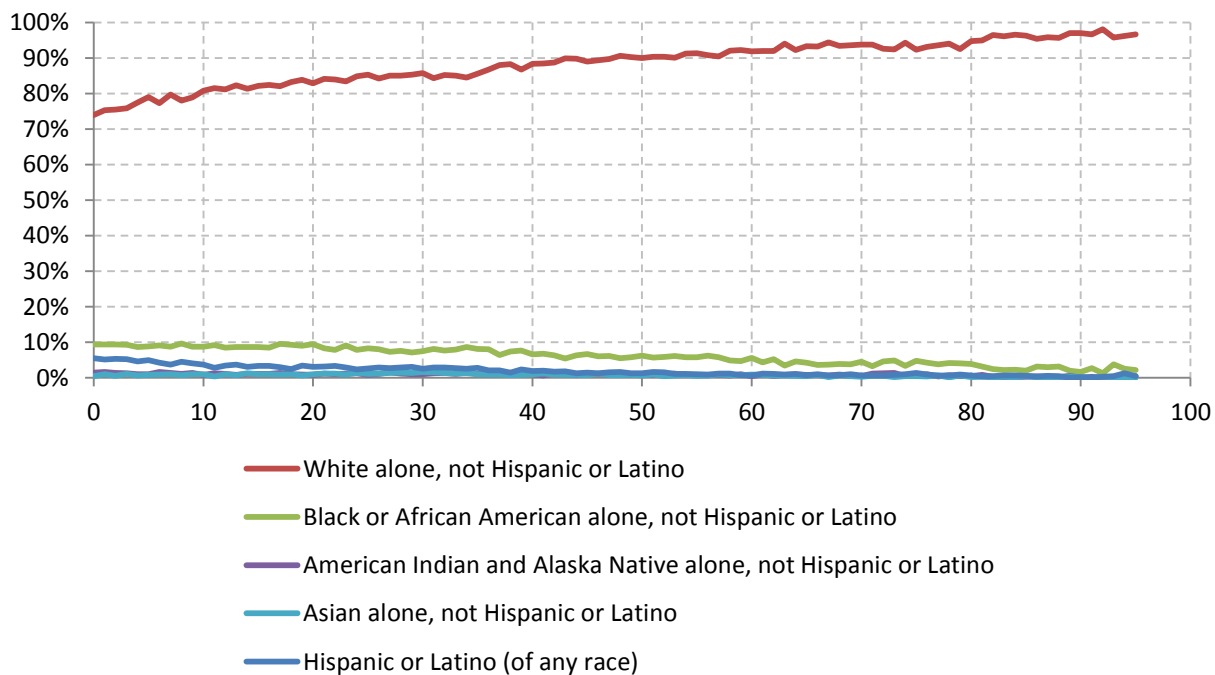
### 5.1 Total and household population by race

	Total		In households		In Group Quarters
	Count	Percentage	Count	Percentage	Count
<b>Total population</b>	216,469	100%	212,150	100%	4,319
Not Hispanic or Latino					
One race					
White	188,907	87.3%	185,330	87.4%	3,577
Black or African American	14,511	6.7%	13,999	6.6%	512
American Indian and Alaska Native	2,135	1.0%	2,102	1.0%	33
Asian	1,807	0.8%	1,778	0.8%	29
Native Hawaiian and Other Pacific Islander	55	0.0%	-	-	-
Some other race	185	0.1%	182	0.1%	3
Two or more races	4,175	1.9%	4,123	1.9%	52
Hispanic or Latino (of any race)	4,694	2.2%	4,581	2.2%	113

Source: 2010 Decennial Census

### 5.2 Race composition by age

Race composition by age, Niagara County



Source: 2010 Decennial Census

## 6 Housing units

### 6.1 Characteristics

HOUSING OCCUPANCY	COUNT		PERCENTAGE	
	Estimate	Margin of error	Estimate	Margin of error
<b>Total housing units</b>	98,965	± 331	100.0%	
Occupied housing units	88,589	± 735	89.5%	± 0.7
Vacant housing units	10,376	± 668	10.5%	± 0.7
<b>YEAR STRUCTURE BUILT</b>				
<b>Total housing units</b>	98,965	± 331	100.0%	
Built 2005 or later	1,743	± 264	1.8%	± 0.3
Built 2000 to 2004	3,215	± 425	3.2%	± 0.4
Built 1990 to 1999	8,121	± 553	8.2%	± 0.6
Built 1980 to 1989	7,643	± 560	7.7%	± 0.6
Built 1970 to 1979	10,856	± 663	11.0%	± 0.7
Built 1960 to 1969	8,509	± 590	8.6%	± 0.6
Built 1950 to 1959	16,521	± 768	16.7%	± 0.8
Built 1940 to 1949	9,178	± 516	9.3%	± 0.5
Built 1939 or earlier	33,179	± 995	33.5%	± 1.0
<b>HOUSING TENURE</b>				
<b>Occupied housing units</b>	88,589	± 735	100.0%	
Owner-occupied	62,247	± 828	70.3%	± 0.9
Renter-occupied	26,342	± 878	29.7%	± 0.9
<b>HOUSE HEATING FUEL</b>				
<b>Occupied housing units</b>	88,589	± 735	100.0%	
Utility gas	68,960	± 805	77.8%	± 0.7
Bottled, tank, or LP gas	4,118	± 388	4.6%	± 0.4
Electricity	6,434	± 442	7.3%	± 0.5
Fuel oil, kerosene, etc.	6,692	± 467	7.6%	± 0.5
Coal or coke	41	± 49	0.0%	± 0.1
Wood	1,630	± 244	1.8%	± 0.3
Solar energy	42	± 41	0.0%	± 0.1
Other fuel	527	± 139	0.6%	± 0.2
No fuel used	145	± 67	0.2%	± 0.1
<b>VALUE</b>				
<b>Owner-occupied units</b>	62,247	± 828	100.0%	
Less than \$50,000	7,936	± 388	12.7%	± 0.6
\$50,000 to \$99,999	23,112	± 720	37.1%	± 1.0
\$100,000 to \$149,999	14,996	± 599	24.1%	± 0.9
\$150,000 to \$199,999	8,087	± 509	13.0%	± 0.8
\$200,000 to \$299,999	5,447	± 378	8.8%	± 0.6
\$300,000 to \$499,999	1,654	± 237	2.7%	± 0.4
\$500,000 to \$999,999	735	± 169	1.2%	± 0.3
\$1,000,000 or more	280	± 111	0.4%	± 0.2
Median (dollars)	100,200	± 1,592		

Source: 2007-2011 American Community Survey

## 6.2 Historical data on number of housing units and occupancy status

Year	Number of Housing Units	Change since previous Census	Occupied	Occupancy rate	Vacant
1970	74,695		71,881	96.2%	2,814
1980	85,209	14.1%	80,258	94.2%	4,951
1990	90,385	6.1%	84,809	93.8%	5,576
2000	95,715	5.9%	87,846	91.8%	7,869
2010	99,120	3.6%	90,556	91.4%	8,564

*Source: 1970-2010 Decennial Census*

## 7 Education

### 7.1 Enrollment by level of school

	Estimate	Margin of error
<b>Total enrolled in school</b>	52,223	± 772
Nursery school, preschool	2,793	± 350
Kindergarten	2,075	± 305
Elementary: grade 1 to grade 4	10,477	± 626
Elementary: grade 5 to grade 8	10,902	± 586
High school: grade 9 to grade 12	12,210	± 402
College, undergraduate	11,542	± 645
Graduate, professional school	2,224	± 248

Source: 2007-2011 American Community Survey

### 7.2 Enrollment by age

	Estimate	Margin of error
3 and 4 years	44.5%	± 4.9
5 to 9 years	96.6%	± 1.1
10 to 14 years	97.2%	± 1.2
15 to 17 years	96.2%	± 1.4
18 and 19 years	71.2%	± 4.2
20 to 24 years	42.8%	± 3.1
25 to 34 years	11.7%	± 1.5
35 years and over	2.0%	± 0.3

Source: 2007-2011 American Community Survey

### 7.3 Percentage age 18-24 enrolled in college

	Estimate	Margin of error
Population 18 to 24 years	20,103	± 124
Enrolled in college or graduate school	43.4%	± 2.6
Males 18 to 24 years	10,091	± 88
Enrolled in college or graduate school	36.9%	± 3.6
Females 18 to 24 years	10,012	± 76
Enrolled in college or graduate school	50.0%	± 3.3

Source: 2007-2011 American Community Survey

## 7.4 Educational attainment

	COUNT		PERCENTAGE	
	Estimate	Margin of error	Estimate	Margin of error
<b>Population 25 years and over</b>	148,900	± 124	100%	
<b>EDUCATIONAL ATTAINMENT</b>				
Less than 9th grade	4,349	± 395	2.9%	± 0.3
9th to 12th grade, no diploma	12,217	± 732	8.2%	± 0.5
High school graduate (includes equivalency)	54,851	± 1,235	36.8%	± 0.8
Some college, no degree	28,802	± 1,011	19.3%	± 0.7
Associate's degree	18,013	± 983	12.1%	± 0.7
Bachelor's degree	17,759	± 852	11.9%	± 0.6
Graduate or professional degree	12,909	± 650	8.7%	± 0.4
Percent high school graduate or higher			88.9%	± 0.6
Percent bachelor's degree or higher			20.6%	± 0.7

Source: 2007-2011 American Community Survey

## 8 Language spoken at home

	COUNT		PERCENTAGE		SPEAK ENGLISH LESS THAN "VERY WELL"	
	Estimate	Margin of error	Estimate	Margin of error	Estimate	Margin of error
<b>Population 5 years and over</b>	204,512	± *****	100%			
<b>LANGUAGE SPOKEN AT HOME</b>						
English only	193,209	± 1,053	94.5%	± 0.5		
Language other than English	11,303	± 1,053	5.5%	± 0.5	2,884	± 443
Spanish	3,639	± 489	1.8%	± 0.2	727	± 186
Other Indo-European languages	6,131	± 782	3.0%	± 0.4	1,550	± 416
Asian and Pacific Islander languages	1,021	± 242	0.5%	± 0.1	430	± 139
Other languages	512	± 201	0.3%	± 0.1	177	± 113

Source: 2007-2011 American Community Survey

## 9 Labor Force Characteristics

### 9.1 Labor force, employment and unemployment

	TOTAL		IN LABOR FORCE		EMPLOYED		UNEMPLOYMENT RATE	
	Estimate	Margin of error	Estimate	Margin of error	Estimate	Margin of error	Estimate	Margin of error
<b>Population 16 years and over</b>	175,054	± 308	61.6%	± 0.6	56.6%	± 0.7	7.9%	± 0.6
<b>AGE</b>								
16 to 19 years	12,422	± 346	47.7%	± 3.0	38.2%	± 3.1	19.9%	± 3.9
20 to 24 years	13,732	± 130	78.6%	± 2.4	69.3%	± 2.5	11.6%	± 2.0
25 to 44 years	51,311	± 158	82.9%	± 1.2	76.0%	± 1.3	8.0%	± 1.0
45 to 54 years	35,338	± 111	80.5%	± 1.7	75.7%	± 1.8	5.8%	± 1.0
55 to 64 years	28,175	± 65	56.6%	± 1.6	53.9%	± 1.6	4.6%	± 0.9
65 to 74 years	16,709	± 79	19.4%	± 1.9	17.9%	± 2.0	7.8%	± 3.4
75 years and over	17,367	± 74	5.4%	± 1.0	5.2%	± 1.0	3.6%	± 3.1
<b>RACE AND HISPANIC OR LATINO ORIGIN</b>								
One race	173,326	± 392	61.6%	± 0.6	56.6%	± 0.7	7.8%	± 0.6
White	158,684	± 393	62.3%	± 0.6	57.5%	± 0.7	7.5%	± 0.6
Black or African American	11,014	± 232	51.4%	± 3.5	44.2%	± 3.3	13.9%	± 3.2
American Indian and Alaska Native	1,494	± 163	59.5%	± 6.4	55.0%	± 6.9	7.5%	± 4.5
Asian	1,558	± 90	55.6%	± 9.7	52.5%	± 8.2	5.7%	± 6.7
Pacific Islander	20	± 28	100.0%	± 66.3	75.0%	± 52.4	25.0%	± 52.4
Some other race	556	± 194	59.7%	± 13.2	58.1%	± 13.5	2.7%	± 4.8
Two or more races	1,728	± 260	65.6%	± 7.4	56.8%	± 7.5	13.3%	± 7.7
Hispanic or Latino origin (of any race)	2,991	± 46	57.3%	± 7.5	53.5%	± 7.7	5.7%	± 3.3
White alone, not Hispanic or Latino	156,477	± 325	62.4%	± 0.6	57.6%	± 0.7	7.5%	± 0.6
<b>SEX</b>								
<b>Population 20 to 64 years</b>	128,556	± 151	76.0%	± 0.8	70.4%	± 0.8	7.2%	± 0.6
Male	63,315	± 104	78.6%	± 1.0	72.0%	± 1.2	8.0%	± 0.8
Female	65,241	± 97	73.5%	± 1.1	68.8%	± 1.1	6.4%	± 0.9
With own children under 6 years	8,934	± 469	74.6%	± 2.8	68.5%	± 3.4	8.2%	± 2.2
<b>EDUCATIONAL ATTAINMENT</b>								
<b>Population 25 to 64 years</b>	114,824	± 132	75.7%	± 0.8	70.5%	± 0.9	6.6%	± 0.6
Less than high school graduate	8,697	± 749	52.3%	± 3.5	44.2%	± 3.3	15.5%	± 3.4
High school graduate (includes equivalency)	39,746	± 1,108	70.0%	± 1.5	64.8%	± 1.6	7.3%	± 1.1
Some college or associate's degree	40,427	± 1,111	80.0%	± 1.3	74.0%	± 1.6	7.0%	± 1.2
Bachelor's degree or higher	25,954	± 987	85.6%	± 1.2	82.5%	± 1.4	3.5%	± 0.7

Table formula:

**LABOR FORCE** = # EMPLOYED + # UNEMPLOYED

**% IN LABOR FORCE** = LABOR FORCE / TOTAL \* 100%

**% EMPLOYED** = # EMPLOYED / TOTAL \* 100%

**UNEMPLOYMENT RATE** = # UNEMPLOYED / LABOR FORCE \* 100%

Source: 2007-2011 American Community Survey

## 9.2 Annual unemployment rate

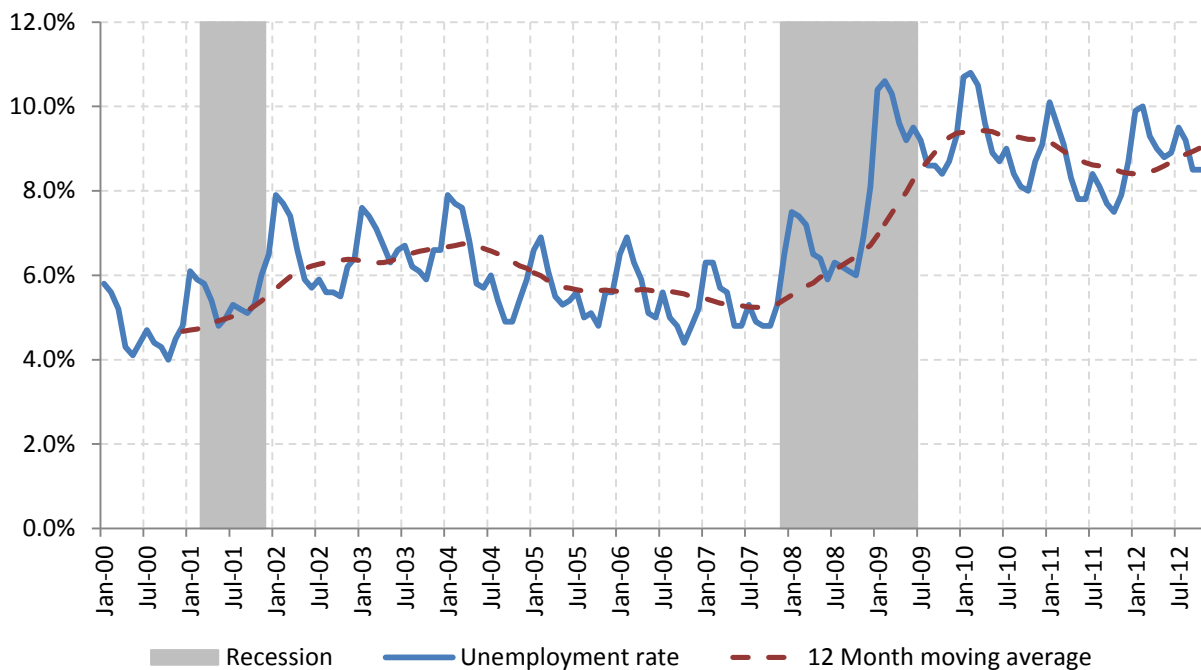
Annual unemployment rate, Niagara County and New York State



Source: Bureau Labor Statistics (BLS)

## 9.3 Monthly unemployment rate

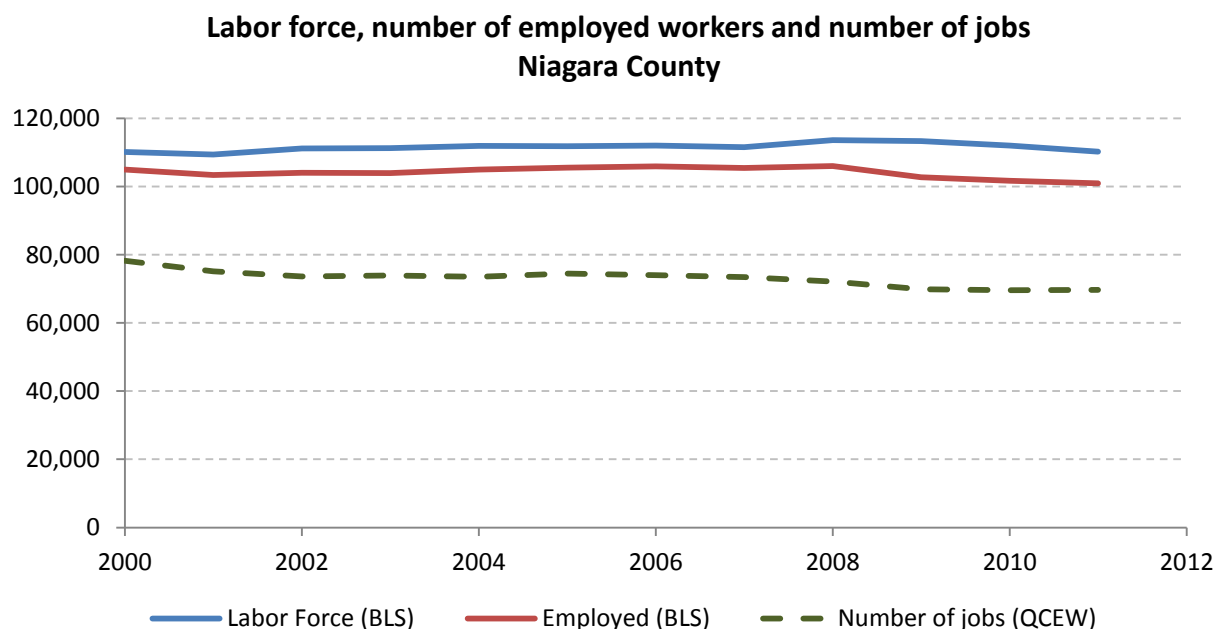
Monthly unemployment rate, Niagara County



Source: Bureau Labor Statistics (BLS)



## 9.4 Employment and number of jobs



Source: Bureau Labor Statistics (BLS) and NY Department of Labor - Quarterly Census of Employment and Wages (QCEW) – annual averages

## 9.5 Class of worker

			Median earnings (\$)				
		Total	%Male	%Female	Total	Male	Female
Civilian employed population 16 years and over	Estimate	99,095	50.1%	49.9%	31,396	38,594	25,884
	Margin of error	± 1,241	± 0.6	± 0.6	± 465	± 1,485	± 526
Private for-profit wage and salary workers:	Estimate	71,004	53.6%	46.4%	29,550	36,306	23,186
	Margin of error	± 1,301	± 0.9	± 0.9	± 872	± 948	± 765
Employee of private company workers	Estimate	68,608	52.8%	47.2%	28,920	35,687	23,146
	Margin of error	± 1,385	± 0.9	± 0.9	± 902	± 958	± 766
Self-employed in own incorporated business workers	Estimate	2,396	78.2%	21.8%	51,266	52,188	31,154
	Margin of error	± 304	± 5.2	± 5.2	± 2,759	± 2,435	± 23,494
Private not-for-profit wage and salary workers	Estimate	9,049	23.9%	76.1%	30,709	36,490	29,580
	Margin of error	± 617	± 2.5	± 2.5	± 1,140	± 7,776	± 2,122
Local government workers	Estimate	9,123	40.0%	60.0%	44,294	50,280	38,519
	Margin of error	± 561	± 3.4	± 3.4	± 1,778	± 2,550	± 2,383
State government workers	Estimate	3,464	52.1%	47.9%	46,250	52,255	37,221
	Margin of error	± 398	± 5.2	± 5.2	± 3,111	± 3,268	± 3,323
Federal government workers	Estimate	1,986	57.4%	42.6%	56,840	59,678	51,573
	Margin of error	± 313	± 6.7	± 6.7	± 4,881	± 4,411	± 8,984
Self-employed in own not incorporated business workers and unpaid family workers	Estimate	4,469	63.3%	36.7%	25,664	30,820	14,463
	Margin of error	± 383	± 4.5	± 4.5	± 2,344	± 2,894	± 2,694

Source: 2007-2011 American Community Survey

## 9.6 Jobs by industry sector

	Niagara County			NY state
	2011	Change since 2006	% of total	% of total
<b>All NAICS Sectors</b>	68,993	-2.8%	100.0%	100.0%
Agriculture, Forestry, Fishing and Hunting	640	13.1%	0.9%	0.3%
Mining, Quarrying, and Oil and Gas Extraction	NA	NA	NA	0.1%
Utilities	612	-28.9%	0.9%	0.5%
Construction	2,478	-16.5%	3.6%	3.5%
Manufacturing	9,055	-3.2%	13.1%	5.5%
Wholesale Trade	1,745	2.9%	2.5%	4.0%
Retail Trade	9,652	-0.9%	14.0%	10.5%
Transportation and Warehousing	2,363	-8.5%	3.4%	3.4%
Information	623	-5.6%	0.9%	3.3%
Finance and Insurance	1,159	19.4%	1.7%	6.0%
Real Estate and Rental and Leasing	529	-26.0%	0.8%	2.3%
Professional, Scientific, and Technical Services	2,027	21.7%	2.9%	6.9%
Management of Companies and Enterprises	1,079	42.7%	1.6%	1.6%
Administrative and Support and Waste Management and Remediation Services	3,087	-3.8%	4.5%	5.2%
Educational Services	7,024	-5.5%	10.2%	10.8%
Health Care and Social Assistance	10,067	-0.8%	14.6%	17.0%
Arts, Entertainment, and Recreation	4,014	-13.6%	5.8%	1.9%
Accommodation and Food Services	6,401	8.8%	9.3%	7.3%
Other Services (except Public Administration)	2,289	-12.4%	3.3%	3.9%
Public Administration	4,149	-8.3%	6.0%	5.8%

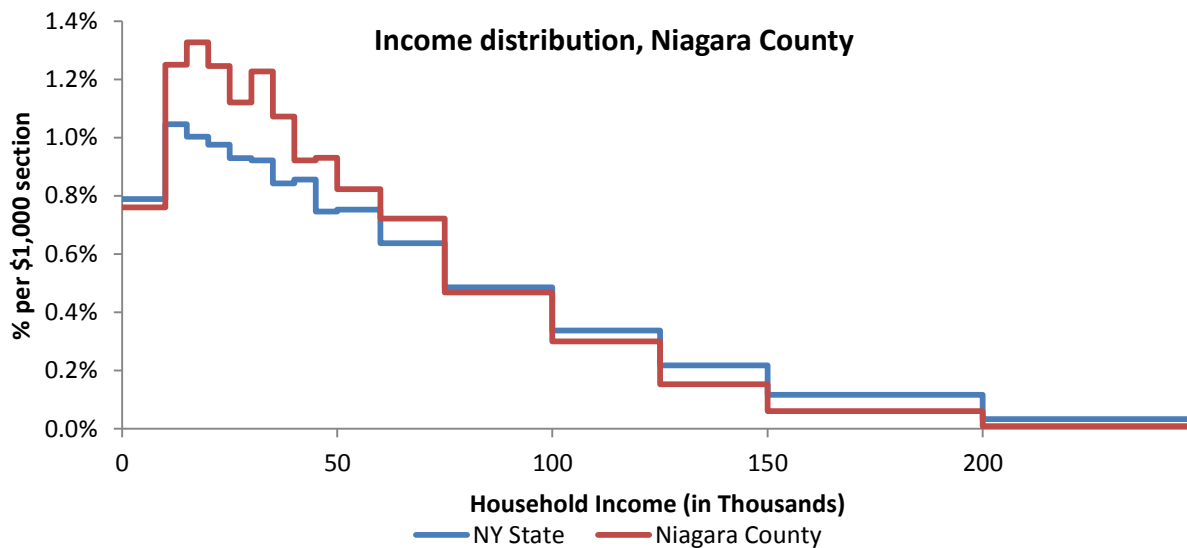
Source: U.S. Census Bureau - Public Use Quarterly Workforce Indicators (QWI) – annual averages

## 10 Household Income

### 10.1 Distribution

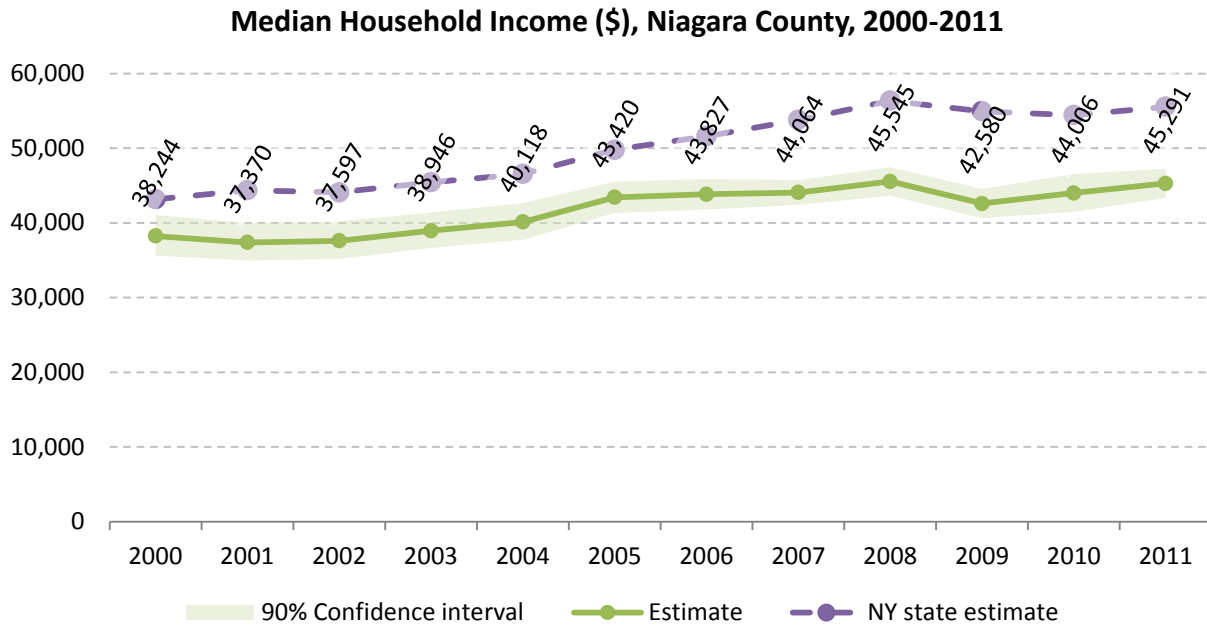
	Estimate	Margin of error	Interval width (in \$1,000)	Est. per \$1,000 section
<b>Total:</b>	88,589	± 735		
Less than \$10,000	6,735	± 513	10	673.5
\$10,000 to \$14,999	5,538	± 480	5	1,107.6
\$15,000 to \$19,999	5,879	± 469	5	1,175.8
\$20,000 to \$24,999	5,518	± 419	5	1,103.6
\$25,000 to \$29,999	4,964	± 414	5	992.8
\$30,000 to \$34,999	5,437	± 506	5	1,087.4
\$35,000 to \$39,999	4,749	± 378	5	949.8
\$40,000 to \$44,999	4,085	± 325	5	817.0
\$45,000 to \$49,999	4,122	± 439	5	824.4
\$50,000 to \$59,999	7,292	± 602	10	729.2
\$60,000 to \$74,999	9,593	± 610	15	639.5
\$75,000 to \$99,999	10,365	± 577	25	414.6
\$100,000 to \$124,999	6,639	± 534	25	265.6
\$125,000 to \$149,999	3,381	± 399	25	135.2
\$150,000 to \$199,999	2,710	± 309	50	54.2
\$200,000 or more	1,582	± 260	-	-

Source: 2007-2011 American Community Survey



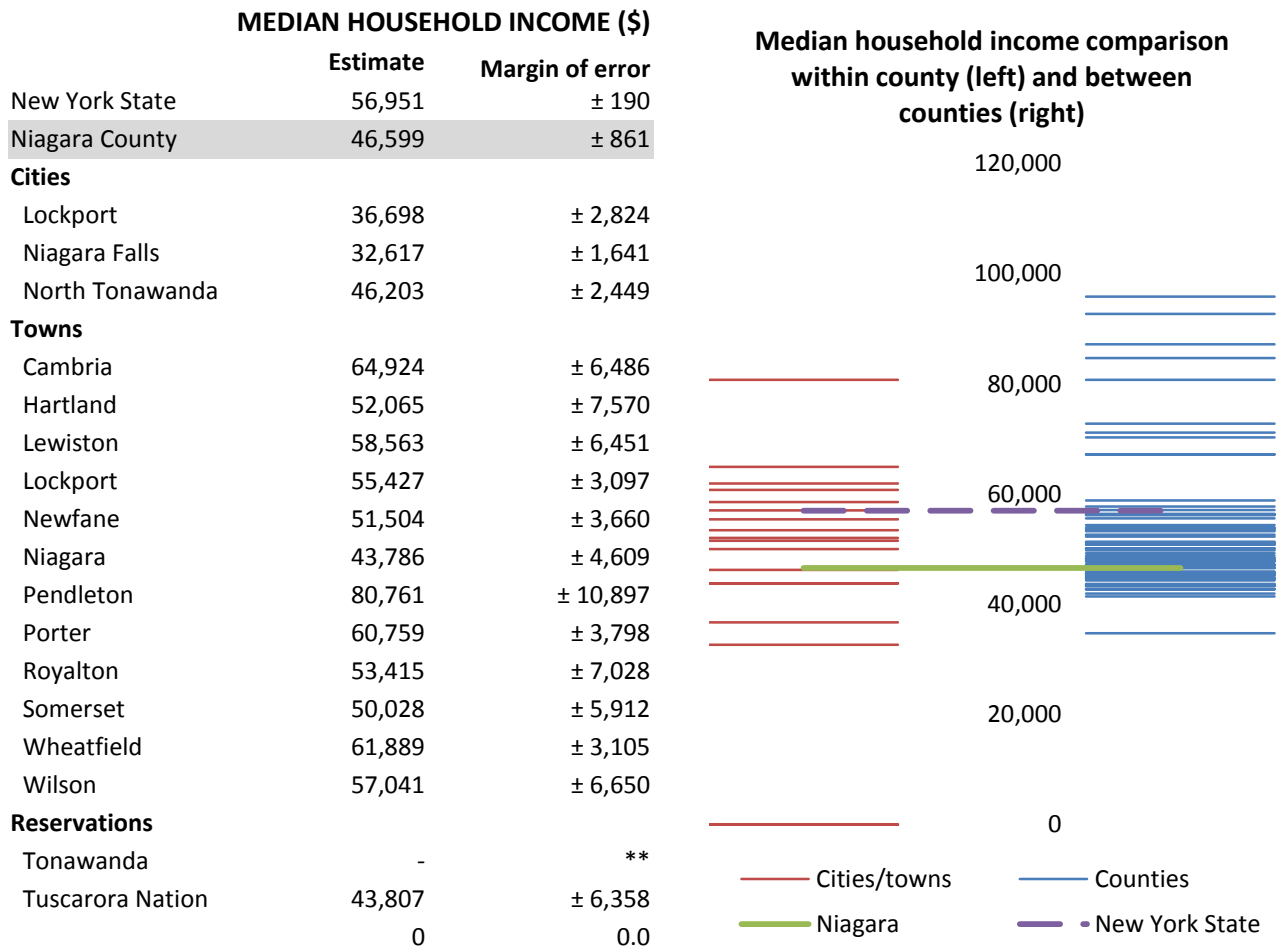
Source: 2007-2011 American Community Survey

## 10.2 Median household income: Trends over time



Source: Small Area Income and Poverty Estimates (SAIPE)

### 10.3 Median household income: Comparison between areas



Source: 2007-2011 American Community Survey

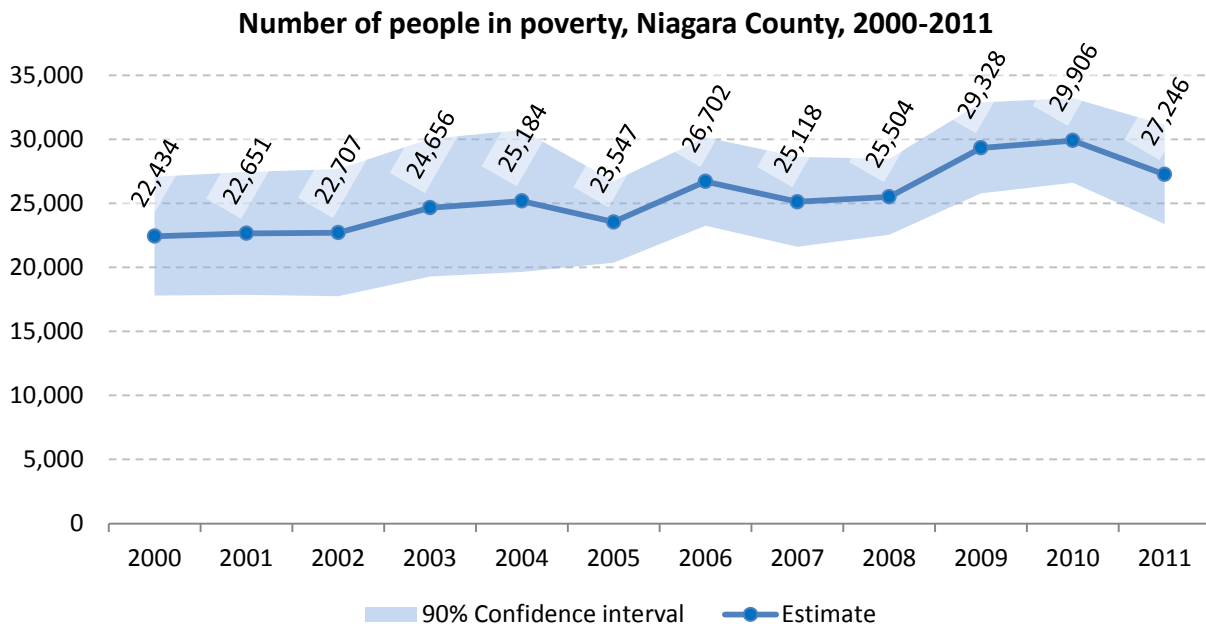
## 11 Poverty

### 11.1 Poverty characteristics

	TOTAL		BELOW POVERTY LEVEL		PERCENT BELOW POVERTY LEVEL	
	Estimate	Margin of error	Estimate	Margin of error	Estimate	Margin of error
<b>Population for whom poverty status is determined</b>	211,608	± 721	27,151	± 1,678	12.8%	± 0.8
<b>AGE</b>						
Under 18 years	46,299	± 212	8,437	± 779	18.2%	± 1.7
Related children under 18 years	46,135	± 221	8,304	± 773	18.0%	± 1.7
18 to 64 years	132,671	± 653	15,904	± 1,092	12.0%	± 0.8
65 years and over	32,638	± 276	2,810	± 338	8.6%	± 1.0
<b>SEX</b>						
Male	102,926	± 421	11,744	± 838	11.4%	± 0.8
Female	108,682	± 425	15,407	± 1,023	14.2%	± 0.9
<b>RACE AND HISPANIC OR LATINO ORIGIN</b>						
One race	208,054	± 776	26,018	± 1,657	12.5%	± 0.8
White	188,485	± 606	19,432	± 1,466	10.3%	± 0.8
Black or African American	14,898	± 423	5,627	± 680	37.8%	± 4.6
American Indian and Alaska Native	1,912	± 239	410	± 167	21.4%	± 8.4
Asian	2,022	± 145	369	± 145	18.2%	± 7.2
Hispanic or Latino origin (of any race)	4,425	± 118	1,167	± 315	26.4%	± 6.8
White alone, not Hispanic or Latino	185,328	± 541	18,668	± 1,442	10.1%	± 0.8
<b>EDUCATIONAL ATTAINMENT</b>						
<b>Population 25 years and over</b>	146,961	± 394	15,128	± 923	10.3%	± 0.6
Less than high school graduate	16,038	± 820	3,563	± 352	22.2%	± 2.1
High school graduate (includes equivalency)	53,912	± 1,206	6,271	± 490	11.6%	± 0.9
Some college, associate's degree	46,562	± 1,267	4,299	± 460	9.2%	± 1.0
Bachelor's degree or higher	30,449	± 999	995	± 192	3.3%	± 0.6
<b>EMPLOYMENT STATUS</b>						
<b>Civilian labor force 16 years and over</b>	106,868	± 1,118	7,478	± 670	7.0%	± 0.6
Employed	98,510	± 1,198	5,041	± 493	5.1%	± 0.5
Male	49,504	± 830	1,913	± 319	3.9%	± 0.7
Female	49,006	± 814	3,128	± 361	6.4%	± 0.7
Unemployed	8,358	± 669	2,437	± 384	29.2%	± 3.9
Male	4,822	± 472	1,175	± 257	24.4%	± 4.8
Female	3,536	± 436	1,262	± 266	35.7%	± 5.6
<b>WORK EXPERIENCE IN THE PAST 12 MONTHS</b>						
<b>Population 16 years and over</b>	171,351	± 815	19,578	± 1,231	11.4%	± 0.7
Worked full-time, year-round	65,324	± 1,248	1,073	± 234	1.6%	± 0.4
Worked part-time or part-year	45,572	± 1,091	6,366	± 649	14.0%	± 1.4
Did not work	60,455	± 1,159	12,139	± 914	20.1%	± 1.3

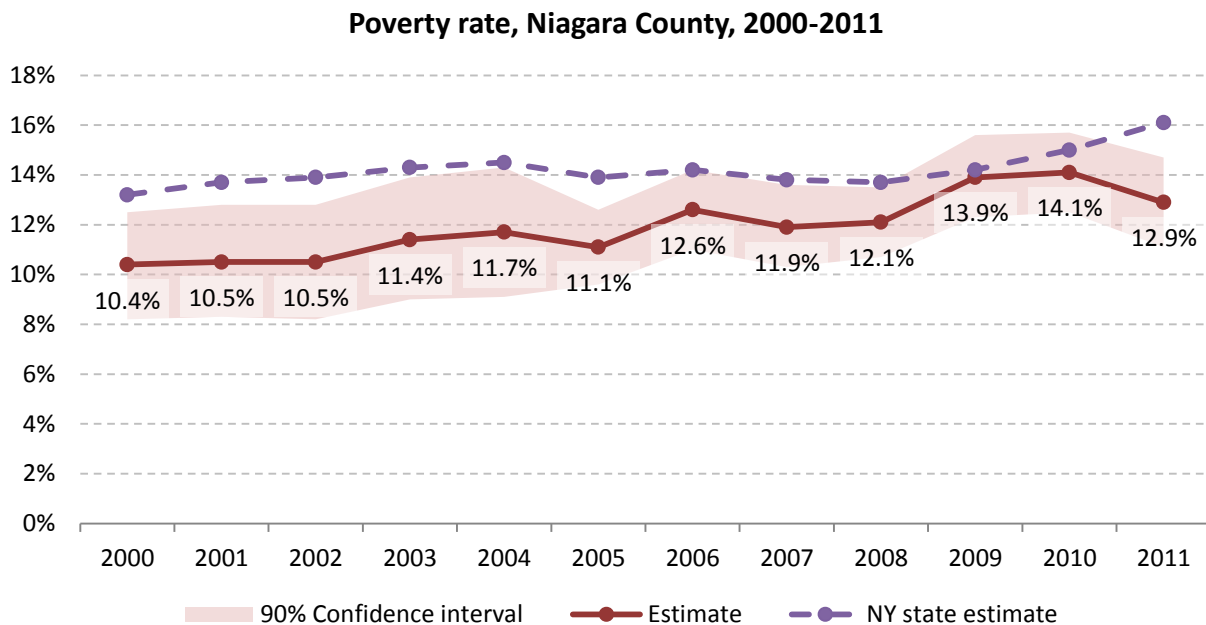
Source: 2007-2011 American Community Survey

## 11.2 Poverty: Trends over time: Count



Source: Small Area Income and Poverty Estimates (SAIPE)

## 11.3 Poverty: Trends over time: Rate



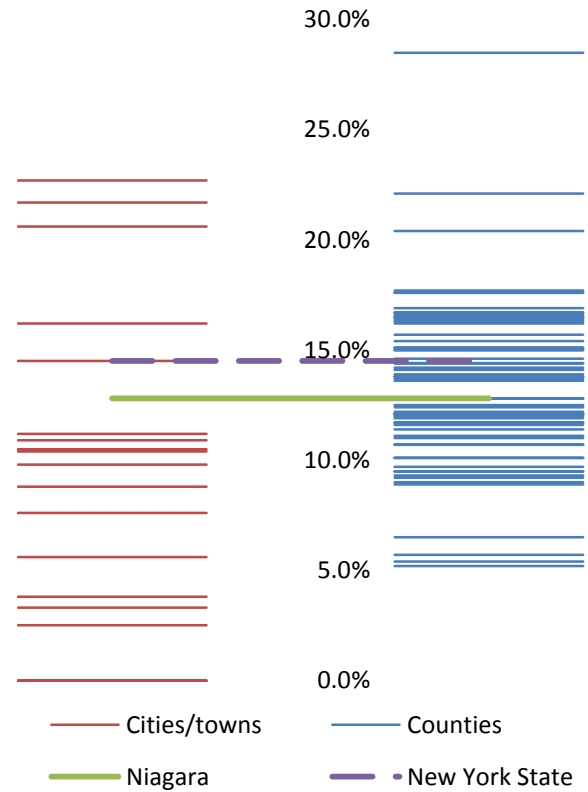
Source: Small Area Income and Poverty Estimates (SAIPE)



## 11.4 Poverty rate: comparison between areas

Poverty Rate - All people		
	Estimate	Margin of error
New York State	14.5%	± 0.1
Niagara County	12.8%	± 0.8
<b>Cities</b>		
Lockport	20.6%	± 2.8
Niagara Falls	21.7%	± 2.0
North Tonawanda	10.5%	± 1.7
<b>Towns</b>		
Cambria	3.3%	± 2.4
Hartland	14.5%	± 5.9
Lewiston	3.8%	± 1.3
Lockport	8.8%	± 2.2
Newfane	10.4%	± 4.8
Niagara	10.9%	± 3.4
Pendleton	2.5%	± 2.3
Porter	7.6%	± 4.7
Royalton	9.8%	± 3.6
Somerset	16.2%	± 6.2
Wheatfield	5.6%	± 2.3
Wilson	11.2%	± 3.3
<b>Reservations</b>		
Tonawanda	-	**
Tuscarora Nation	22.7%	± 9.0
	0.0%	0.0

Poverty rate comparison  
within county (left) and  
between counties (right)

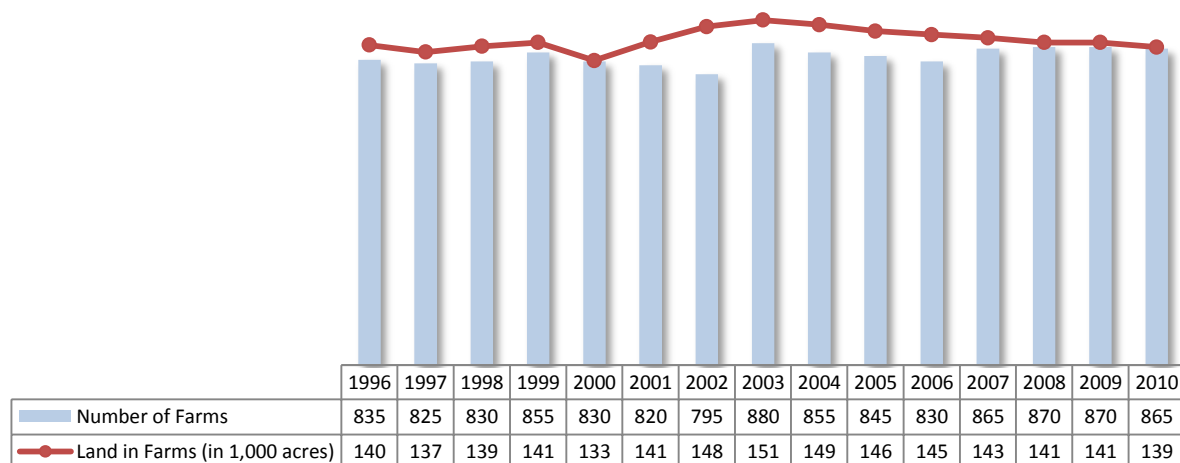


Source: 2007-2011 American Community Survey

## 12 Agriculture

### 12.1 Number of farms and land in farms

Niagara County, 1996-2010



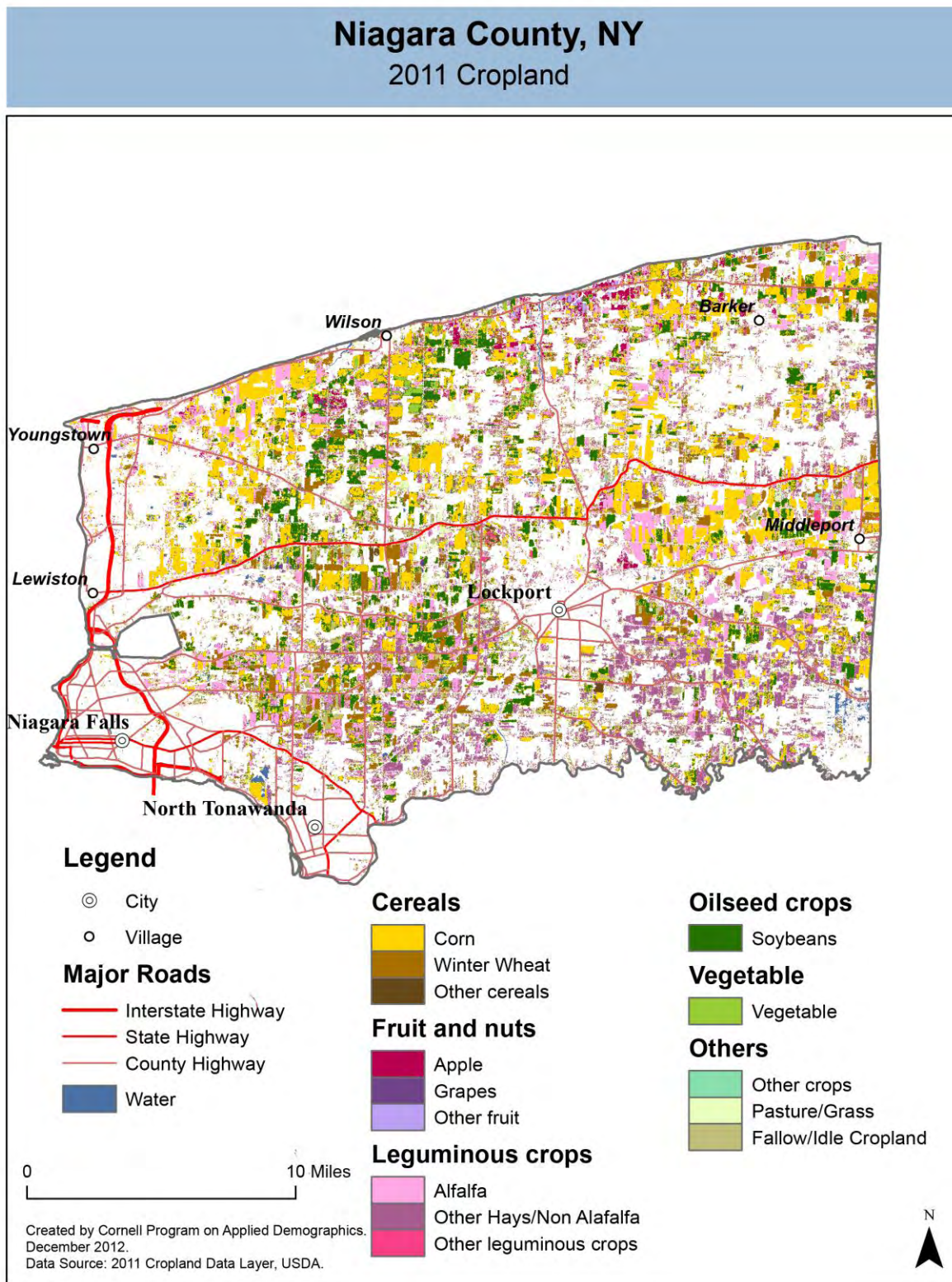
Source: National Agricultural Statistics Service – Annual Statistical bulletin

### 12.2 Farm Operator Characteristics

	Principal Operator		
	Total	Male	Female
<b>Number of farms</b>	865	706	159
Average size of farm (acres)	165	191	49
PRIMARY OCCUPATION			
Farming	439	351	88
Other	426	355	71
AGE			
Under 45	146	104	42
45 to 64 years	506	408	98
65 years and over	213	194	19
Average age (years)	56.7	57.8	52
YEARS ON PRESENT FARM			
Less than 3 years	24	15	9
3 to 4 years	48	27	21
5 to 9 years	138	101	37
10 years or more	655	563	92

Source: 2007 Agricultural Census

## 12.3 Map of type of crop

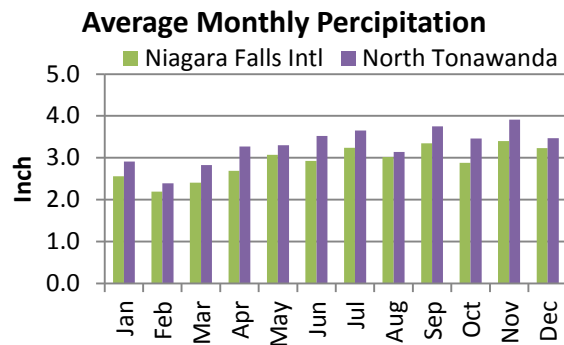
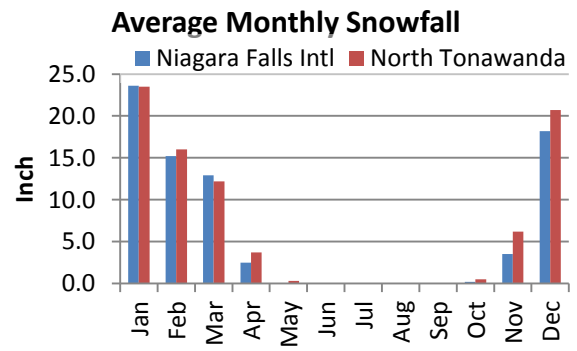
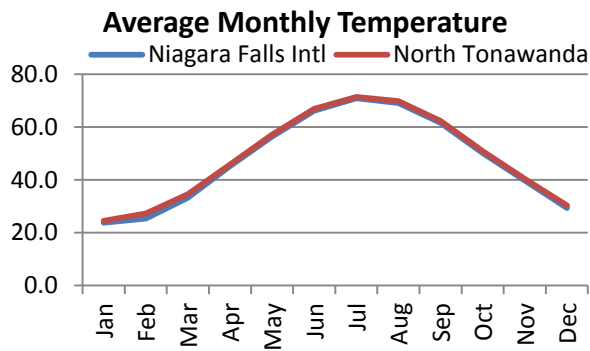
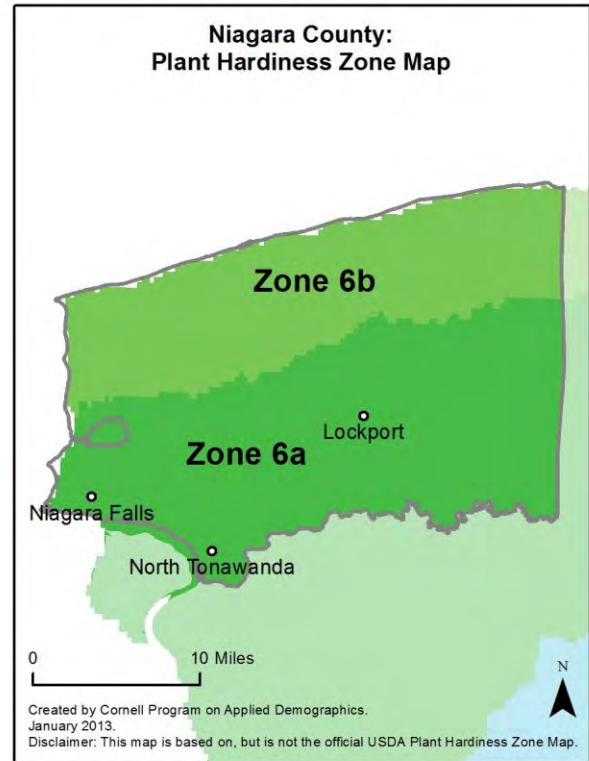
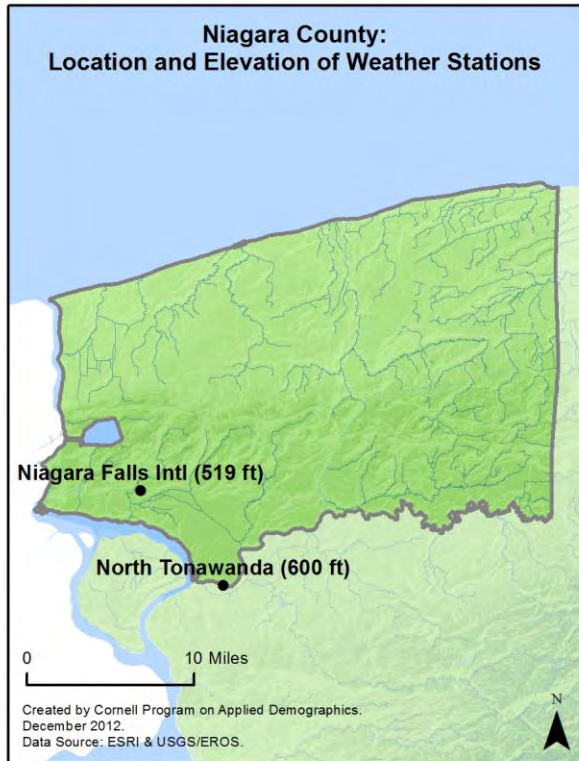


## 12.4 Estimated acreage by crop

	Acreage	%		Acreage	%
<b>Cereals</b>			<b>Fruit and nuts</b>		
Barley	12	0.0%	Apples	4,079	2.6%
Corn	40,193	25.2%	Apricots	-	
Millet	-		Blueberries	-	
Oats	848	0.5%	Cherries	604	0.4%
Rye	55	0.0%	Cranberries	-	
Sorghum	0.4	0.0%	Grapes	874	0.5%
Speltz	17	0.0%	Nectarines	-	
Spring Wheat	6	0.0%	Peaches	286	0.2%
Sweet Corn	31	0.0%	Plums	11	0.0%
Triticale	41	0.0%	Prunes	168	0.1%
Winter Wheat	13,759	8.6%	Strawberries	3.1	0.0%
Dbl Crop WinWht/Corn	-		Walnuts	-	
<b>Leguminous crops</b>			<b>Beverage and spice crops</b>		
Alfalfa	23,609	14.8%	Herbs	-	
Other Hay/Non Alfalfa	27,370	17.2%	Peppers	0.2	0.0%
Dry Beans	590	0.4%	<b>Trees</b>		
Peas	72	0.0%	Christmas Trees	8	0.0%
Vetch	-		Other Tree Crops	15	0.0%
<b>Oilseed crops</b>			<b>Other crops</b>		
Soybeans	19,669	12.3%	Tobacco	-	
Sunflower	-		Misc Veggies & Fruits	46	0.0%
<b>Sugar crops</b>			Clover/Wildflowers	73	0.0%
Sugarbeets	13	0.0%	Sod/Grass Seed	147	0.1%
<b>Root/tuber crops with high starch or inulin content</b>			Switchgrass	3.6	0.0%
Potatoes	16	0.0%	Dbl Crop Soybeans/Oats	-	
<b>Vegetables and melons</b>			Dbl Crop WinWht/Soybeans	-	
Asparagus	-		Other Crops	2.2	0.0%
Broccoli	-		<b>Pasture/Grass</b>	18,753	11.8%
Cabbage	-		<b>Fallow/Idle Cropland</b>	8,125	5.1%
Carrots	-				
Eggplants	-				
Onions	24	0.0%			
Pumpkins	-				
Squash	7	0.0%			
Tomatoes	6	0.0%			
Turnips	-				

Source: National Agricultural Statistics Service - Cropland Data Layer 2011

# 13 Climate



## Average length of freeze-free season

	Last day of frost	First day of frost	Season length
Niagara Falls Intl	May 1	October 12	164
North Tonawanda	Not available		

Source: NOAA, Northeast Regional Climate Center at Cornell University. Averages 1981-2010



## 14 Glossary

**American Community Survey (ACS)** - The American Community Survey is an ongoing survey of the population that provides data every year on a variety of social and economic characteristics—age, sex, race, family and relationships, income and benefits, health insurance, education, veteran status, disabilities, where you work and how you get there, where you live and how much you pay for some essentials. The ACS replaced the information previously gathered by what was known as the “long form” of the decennial censuses. The ACS provides communities, companies and other institutions with current information they need to plan investments and services. Information from the survey generates data that help determine how more than \$400 billion in federal and state funds are distributed each year. Every estimate presented in the American Community Survey, as in other surveys, has an uncertainty associated with it. Often the magnitude of that uncertainty is expressed as the Margin of Error.

**Confidence Interval (CI)** - indication of the degree of uncertainty about a sample estimates. Confidence intervals have been traditionally reported at the 90, 95 and 99 percent levels. A 90 percent confidence interval can be interpreted, for example, roughly as providing 90 percent certainty that the interval defined by the upper and lower bounds contain the true value of the characteristic. If a Margin of Error is given, the lower bound of the confidence interval is equal to the estimate minus the Margin of Error and the upper bound is equal to the estimate plus the Margin of Error. (See further, Margin of Error definition below.)

**County subdivision or Minor Civil Division (MCD)** - The Census Bureau geography for primary administrative units below the county level in New York is collectively referred to as county subdivisions or minor civil divisions. These include towns, cities and Indian Reservations.

**Decennial Census** - the Census of the population and housing taken every 10 years in the United States, at the start of each decade, since 1790.

**Employed** – either “at work” or “with a job, but not at work”.

**Group Quarters Population** - all U.S. residents who live in group living facilities including correctional institutions, juvenile facilities, skilled nursing facilities, college residence halls, military barracks, group homes, and workers' dormitories.

**Household Population** - all U.S. residents who live in housing units such as single family homes, townhouses, apartments, and mobile homes.

**Intercensal Population Estimates** - estimates produced for the years between two decennial censuses when both the beginning and ending populations are known. They are produced once a decade by adjusting the existing time series of postcensal estimates for the entire decade to smooth the transition from one decennial census count to the next. They differ from the postcensal estimates that are released annually because the difference between the April 1 postcensal estimate and April 1 census count for the end of the decade is redistributed across the estimates for that decade. For dates when both postcensal and intercensal estimates are available, intercensal estimates are preferred.

**Labor Force** - consists of people classified as employed or unemployed.

**Margin of Error (MOE)** - a measure of the precision of an estimate at a given level of confidence. The confidence level of a margin of error indicates the likelihood that the difference between the population value (which you

would get if you could measure the whole population instead of a sample) and the estimate is less than or equal to the margin of error. The range from the estimate minus the margin of error to the estimate plus the margin of error is called the confidence interval. All ACS estimates are published with their margins of error at the 90 percent confidence level. Margins of error are useful in assessing the reliability of estimates and whether differences between estimates are significant.

**NAICS** - The North American Industry Classification System or NAICS is used by business and government to classify business establishments according to type of economic activity (process of production).

**Numeric Population Change** - difference between the population of an area at the beginning and end of a time period. It is computed by taking the difference between the population at one point in time (t1) and some future time (t2).

**Percent Population Change** - difference between the population of an area at the beginning and end of a time period, expressed as a percentage of the beginning population. It is computed by dividing the population change (t2 - t1) by t1 and multiplying the result by 100.

**Population Estimates** - The calculated number of people living in an area as of a specified point in time, usually July 1st. The estimated population is calculated using a component of change model that incorporates information on natural increase (births, deaths) and net migration (net domestic migration, net international migration) that has occurred in an area since the latest decennial census. A procedure for estimating the current population using a procedure involving a "base population" value at time t -1, adding to that the births during the interval t-1 to t, subtracting the deaths during that interval t-1 to t, and then adding the net domestic and net international migration that occurred during that interval.

**Population Density** - Total number of people per areal unit like a square mile or square kilometer.

**Population Pyramids** - A graphical way of portraying a population's age and sex composition at a given slice in time. The first horizontal bar, constituting the base of the graph, is the youngest age group (typically 0-4) with the number of males in that age group on the left and the number of females in that age group on the right. On top of that age group is another horizontal bar for the next age group (e.g. 5-9) and so forth with the top bar typically for those aged 75 and over. In a population with lots of births and deaths, the shape typically forms a pyramid with a broad base and a narrow top. It is one of the most basic ways to understand population change over time as well as between different geographic units of a similar status (e.g. counties).

**Postcensal Estimates** - estimates produced for the years after a decennial census when only the beginning population is known. They are produced and revised each year, targeted to July 1 of that year.

**Projection** - estimated population at some future time based on assumptions about births, deaths, migration, and ages.

**Race/Ethnicity** - the Census Bureau collects racial data in accordance with guidelines provided by the U.S. Office of Management and Budget (OMB), and these data are based on self-identification. The racial categories included in the census questionnaire generally reflect a social definition of race recognized in this country and not an attempt to define race biologically, anthropologically, or genetically. In addition, it is recognized that the categories of the race item include racial and national origin or sociocultural groups. People may choose to report more than one race to indicate their racial mixture, such as "American Indian" and "White." People who identify their origin as Hispanic, Latino, or Spanish may be of any race. OMB requires five minimum categories: White, Black or African American, American Indian or Alaska Native, Asian, and Native Hawaiian or Other Pacific

Islander. Hispanics may be classified as white or black. So we generally separate them out as an ethnic group first.

**Unemployed** – Not employed, but actively looking for work and available to accept a job.

**Unemployment rate** – Fraction of the Labor Force that is unemployed.

**Urban Area** – A densely settled area with at least 2,500 people. If the total number of people is less than 50,000 the Census Bureau calls it an Urban Cluster, otherwise an Urbanized Area.

**Vintage** - each year, the U.S. Census Bureau produces and publishes estimates of the population for each state and county, as well as the nation as a whole. These are called “vintages.” In producing these vintages, the Bureau utilizes administrative data from a number of sources to estimate 1) the change in population since the most recent decennial census, and 2) the population for each year since the most recent decennial census. With each annual release of population estimates (vintage), the entire time series of estimates beginning on April 1, 2010 is revised and updated.



## 15 References

Niagara County homepage: <http://niagaracounty.com/>

At Cornell:

- Cornell Cooperative Extensions (CCE)  
Home page: <http://www.cce.cornell.edu>
  - Niagara local office: <http://www.cceniagaracounty.org/>
- Program on Applied Demographics (PAD)  
URL: <http://pad.human.cornell.edu/>
- Community and Regional Development Institute (CaRDI)  
URL: <http://devsoc.cals.cornell.edu/cals/devsoc/outreach/cardi/index.cfm>

Data sources and background information:

- U.S. Census Bureau - general
  - QuickFacts: <http://quickfacts.census.gov/qfd/states/36/36063.html>
  - QuickLinks: <http://quickfacts.census.gov/qfd/states/36/36063lk.html>
  - American FactFinder: <http://factfinder2.census.gov>
- U.S. Census Bureau - population
  - Decennial Census
    - Background: <http://2010.census.gov/2010census/>
    - Demographic Profile: [http://factfinder2.census.gov/bkmk/table/1.0/en/DEC/10\\_SF1/SF1DP1/0500000US360633](http://factfinder2.census.gov/bkmk/table/1.0/en/DEC/10_SF1/SF1DP1/0500000US360633)
  - American Community Survey (ACS)
    - Background: <http://www.census.gov/acs/www/>
    - Social Data Profile: [http://factfinder2.census.gov/bkmk/table/1.0/en/ACS/10\\_5YR/DP02/0500000US360633](http://factfinder2.census.gov/bkmk/table/1.0/en/ACS/10_5YR/DP02/0500000US360633)
    - Economic Data Profile: [http://factfinder2.census.gov/bkmk/table/1.0/en/ACS/10\\_5YR/DP03/0500000US360633](http://factfinder2.census.gov/bkmk/table/1.0/en/ACS/10_5YR/DP03/0500000US360633)
    - Housing Data Profile: [http://factfinder2.census.gov/bkmk/table/1.0/en/ACS/10\\_5YR/DP04/0500000US360633](http://factfinder2.census.gov/bkmk/table/1.0/en/ACS/10_5YR/DP04/0500000US360633)
    - Demographics Data Profile: [http://factfinder2.census.gov/bkmk/table/1.0/en/ACS/10\\_5YR/DP05/0500000US360633](http://factfinder2.census.gov/bkmk/table/1.0/en/ACS/10_5YR/DP05/0500000US360633)
  - Population estimates: <http://www.census.gov/popest/estimates.html>
- U.S. Census Bureau – Small Area Income & Poverty Estimates (SAIPE)
  - <http://www.census.gov/did/www/saipe/>
- U.S. Census Bureau - Public Use Quarterly Workforce Indicators (QWI) – annual averages
  - <http://www2.vrdc.cornell.edu/news/data/qwi-public-use-data/>
- Bureau Labor Statistics (BLS) – Local Area Unemployment Statistics: <http://www.bls.gov/lau/>
- NY Department of Labor -
  - Labor statistics: <http://www.labor.ny.gov/stats/>
  - Quarterly Census of Employment and Wages (QCEW): <http://www.labor.ny.gov/stats/lscqew.shtml>
- Bureau of Economic Analysis (BEA) – Local Area Personal Income and Employment: <http://bea.gov/iTable/iTable.cfm?ReqID=70&step=1>

- USDA Census of Agriculture
  - 2007
    - Home page: <http://www.agcensus.usda.gov/Publications/2007/index.php>
    - County profile: [http://www.agcensus.usda.gov/Publications/2007/Online\\_Highlights/County\\_Profiles/New\\_York/cp36063.pdf](http://www.agcensus.usda.gov/Publications/2007/Online_Highlights/County_Profiles/New_York/cp36063.pdf)
    - Race, Ethnicity and Gender Profiles: [http://www.agcensus.usda.gov/Publications/2007/Online\\_Highlights/Race\\_Ethnicity\\_and\\_Gender\\_Profiles/New\\_York/cpd36063.pdf](http://www.agcensus.usda.gov/Publications/2007/Online_Highlights/Race_Ethnicity_and_Gender_Profiles/New_York/cpd36063.pdf)
- USDA National Agricultural Statistics Service (NASS)
  - Home page: <http://www.nass.usda.gov/index.asp>
  - New York Statistical Bulletins: [http://www.nass.usda.gov/Statistics\\_by\\_State/New\\_York/Publications/Annual\\_Statistical\\_Bulletin/](http://www.nass.usda.gov/Statistics_by_State/New_York/Publications/Annual_Statistical_Bulletin/)
  - Cropland Data Layer – CropScape: <http://nassgeodata.gmu.edu/CropScape/>
- USDA Agricultural Research Service – Plant Hardness Zone Map: <http://planthardiness.ars.usda.gov/PHZMWeb/>
- NOAA, Northeast Regional Climate Center at Cornell University
  - Home page: <http://www.nrcc.cornell.edu/index.html>

Alternative sites for data retrieval:

- The Nelson A. Rockefeller Institute of Government – New York State Statistical Yearbooks [http://www.rockinst.org/nys\\_statistics/](http://www.rockinst.org/nys_statistics/)
- Headwaters Economics: Economic Profile System – Human Dimensions Toolkit <http://headwaterseconomics.org/tools/eps-hdt>
- National Historical Geographic Information System (NHGIS) <https://www.nhgis.org/>
- Social Explorer <http://www.socialexplorer.com/pub/home/home.aspx>
- Missouri Census Data Center <http://mcdc.missouri.edu/>
- DataFerret <http://dataferrett.census.gov/>
- Investigative Reporters and Editors (IRE) Census project <http://census.ire.org/>